

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	40	(("5607435") or ("5392766") or ("5779680") or ("5496280") or ("5201908") or ("5281214") or ("3958576") or ("4774949") or ("5984939") or ("5109830") or ("5129402") or ("5354302") or ("4157709") or ("4023559") or ("4650459") or ("5217026") or ("5993424") or ("5752970") or ("4827931")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 18:52
L2	49	(("5607435") or ("5392766") or ("5779680") or ("5496280") or ("5201908") or ("5281214") or ("3958576") or ("4774949") or ("5984939") or ("5109830") or ("5129402") or ("5354302") or ("4157709") or ("4023559") or ("4650459") or ("5217026") or ("5993424") or ("5752970") or ("4827931") or ("5797888") or ("4427014") or ("5782764") or ("4741326")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 18:54
S1	2	("6632184 ").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 16:24
S2	8	("4578061"   "4769005"   "5345937"   "5486161"   "5707389"   "5800389"   "6120457"   "6217527").PN. OR ("6632184").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 17:04

## EAST Search History

S3	76	("1747407"   "4405314"   "4552554"   "4648402"   "4774949"   "4947864"   "5001556"   "5019040"   "5061245"   "5095511"   "5099850"   "5109830"   "5114414"   "5127917"   "5183470"   "5190528"   "5279565"   "5287861"   "5321501"   "5350377"   "5389096"   "5409019"   "5409453"   "5413581"   "5429144"   "5443497"   "5452733"   "5456694"   "5456714"   "5464395"   "5486170"   "5573531"   "5607435"   "5628761"   "5695457"   "5707389"   "5741270"   "5910133"   "5935108"   "5938671"   "6015423").PN. OR ("6217527").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 17:13
S4	2	("5607435").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 17:20
S5	50	("3890977"   "4665906"   "4966439"   "5052300"   "5109830"   "5230621"   "5242448"   "5254130"   "5281214"   "5281236").PN. OR ("5607435").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 17:21
S6	23	("4313431"   "4418688"   "4461283"   "4669467"   "4760840"   "4832023"   "4849859"   "4875897"   "4881524"   "5156604").PN. OR ("5281214").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 17:26
S7	21	("4273109"   "4319563"   "4557255"   "4607620"   "4896678"   "4924851"   "5088819"   "5112329"   "5147378"   "5183031"   "5222973"   "5258005"   "5281214"   "5368605"   "5470328"   "5632717"   "5658236"   "5766169"   "5972020"   "6428538").PN. OR ("6605036").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 17:33
S8	16	((("4578061") or ("4769005") or ("5345937") or ("5486161") or ("5707389") or ("5800389") or ("6120457") or ("6217527")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 17:48

## EAST Search History

S9	4	("4109205").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 17:49
S10	3	"9930764"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 17:51
S11	2	("6251418").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 17:51

## EAST Search History

S12	152	("2969963"   "3680544"   "3991750"   "3995617"   "4307722"   "4451253"   "4461280"   "4503569"   "4546499"   "4562597"   "4580568"   "4582181"   "4641653"   "4649922"   "4655771"   "4658817"   "4665918"   "4681110"   "4700692"   "4718425"   "4733665"   "4768507"   "4774949"   "4785815"   "4813925"   "4852580"   "4861330"   "4909250"   "4917666"   "4920980"   "4950227"   "4995857"   "4997431"   "5040543"   "5042486"   "5047028"   "5049138"   "5056517"   "5087243"   "5098374"   "5114414"   "5158548"   "5167614"   "5172699"   "5176626"   "5180366"   "5190058"   "5256146"   "5266073"   "5269326"   "5287861"   "5290295"   "5312456"   "5324325"   "5328470"   "5372600"   "5376071"   "5380316"   "5386828"   "5389096"   "5391199"   "5405376"   "5409004"   "5409019"   "5423885"   "5425757"   "5429144"   "5441516"   "5452733"   "5453090"   "5458615"   "5464404"   "5464650"   "5466242"   "5476505"   "5480422"   "5487739"   "5501664"   "5514176"   "5551954"   "5558091"   "5562613"   "5562619"   "5562922"   "5569272"   "5571168"   "5593412"   "5593434"   "5602301"   "5614206"   "5618563"   "5629008"   "5635215"   "5643308"   "5655548"   "5656029"   "5662124"   "5666970"   "5676850"   "5682906"   "5690643"   "5735897"   "5741330"   "5755682"   "5756127"   "5769843"   "5782823"   "5785702"   "5792453"   "5797870"   "5807384"   "5810836"   "5817101"   "5824071"   "5830502"   "5833608"   "5840059"   "5971993"   "5980548").PN. OR ("6251418"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 17:52
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## EAST Search History

S13	3	("7001399").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 18:40
S14	16	("3958576"   "4372316"   "4396139"   "4637395"   "4671278"   "4796627"   "5207692"   "5242456"   "5601574"   "5755729"   "5766189"   "5792149"   "5897565"   "6193732"   "6241740"   "6527786").PN. OR ("7001399"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 18:43
S15	2	("5984939").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 18:43

## EAST Search History

S16	138	("2002594"   "2004559"   "2011169"   "2028635"   "2031682"   "2032860"   "2068721"   "2316297"   "2518994"   "2691370"   "3827277"   "3856016"   "3870048"   "3871379"   "3911923"   "3958576"   "3967625"   "3980086"   "3989049"   "4049002"   "4077412"   "4085743"   "4103680"   "4174715"   "4226239"   "4249533"   "4249535"   "4257420"   "4274415"   "4372295"   "4374523"   "4393872"   "4427014"   "4471766"   "4484581"   "4493319"   "4557255"   "4598699"   "4644951"   "4662371"   "4669470"   "4674501"   "4712545"   "4739760"   "4777950"   "4788966"   "4860746"   "4869268"   "4935027"   "4949717"   "4961743"   "4966583"   "4985030"   "4990152"   "5015249"   "5025778"   "5026379"   "5037433"   "5049153"   "5099827"   "5100418"   "5139487"   "5147356"   "5147357"   "5147373"   "5152780"   "5156608"   "5156609"   "5170800"   "5171250"   "5171258"   "5172700"   "5176695"   "5176700"   "5190541"   "5192298"   "5196023"   "5203785"   "5211650"   "5211655"   "5217030"   "5217460"   "5217473"   "5219354"   "5220928"   "5222961"   "5222962"   "5222976"   "5226908"   "5234443"   "5261917"   "5300087"   "5312391"   "5318589"   "5324254"   "5334199"   "5334209"   "5336231"   "5342381"   "5342389"   "5342390"   "5348555"   "5366459"   "5366476"   "5398670"   "5403332"   "5462561"   "5462562"   "5472439"   "5476505"   "5496310"   "5538008"   "5542949"   "5549623"   "5562102"   "5569241"   "5578007"   "5607435"   "5611813"   "5620415"   "5620459"   "5669927"   "5690606").PN. OR ("5984939"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 18:51
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## EAST Search History

S17	7	((("2549731") or ("5941890"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 18:51
S18	2	("5891185").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/17 10:57
S19	116	("1861769"   "2024982"   "3605750"   "3978863"   "4323071"   "4454887").PN. OR ("4774949"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/18 09:26
S20	76	("1747407"   "4405314"   "4552554"   "4648402"   "4774949"   "4947864"   "5001556"   "5019040"   "5061245"   "5095511"   "5099850"   "5109830"   "5114414"   "5127917"   "5183470"   "5190528"   "5279565"   "5287861"   "5321501"   "5350377"   "5389096"   "5409019"   "5409453"   "5413581"   "5429144"   "5443497"   "5452733"   "5456694"   "5456714"   "5464395"   "5486170"   "5573531"   "5607435"   "5628761"   "5695457"   "5707389"   "5741270"   "5910133"   "5935108"   "5938671"   "6015423").PN. OR ("6217527"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/18 09:36
S21	23	("4313431"   "4418688"   "4461283"   "4669467"   "4760840"   "4832023"   "4849859"   "4875897"   "4881524"   "5156604").PN. OR ("5281214").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/18 09:44
S22	21	("4273109"   "4319563"   "4557255"   "4607620"   "4896678"   "4924851"   "5088819"   "5112329"   "5147378"   "5183031"   "5222973"   "5258005"   "5281214"   "5368605"   "5470328"   "5632717"   "5658236"   "5766169"   "5972020"   "6428538").PN. OR ("6605036").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/18 09:46

## EAST Search History

S23	75	("2214985"   "2670519"   "3404677"   "3967625"   "4005714"   "4054143"   "4080961"   "4200111"   "4257420").PN. OR ("4427014").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/18 09:58
S24	24	("2549731").URPN.	USPAT	OR	ON	2006/05/18 10:34
S25	2	("5984939").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:34
S26	7562	((604/164.13,272,281,198,507-508,510,528) or (600/585,434-435) or (606/108,159)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:48
S27	4478	S26 and @ad<"20000211"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 10:48
S28	443	S27 and probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 10:51
S29	0	S27 and (probe with closure with hole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 10:49
S30	1	S27 and (probe with closure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 10:49
S31	100	S28 and marker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 10:53



## EAST Search History

S32	7	S27 and (inner with outer with tube with deflect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 10:53
S33	44	(US-6231546-\$ or US-6235000-\$ or US-6511458-\$ or US-3958576-\$ or US-4774949-\$ or US-5109830-\$ or US-5464395-\$ or US-5607435-\$ or US-5938671-\$ or US-5695457-\$ or US-6514217-\$ or US-6719725-\$ or US-4669467-\$ or US-5984939-\$ or US-5345937-\$ or US-5486161-\$ or US-5707389-\$ or US-6632184-\$ or US-4578061-\$ or US-4769005-\$ or US-5800389-\$ or US-6120457-\$ or US-6217527-\$ or US-6251418-\$ or US-5281214-\$ or US-6605036-\$). did. or (US-4785815-\$ or US-6689121-\$ or US-5562102-\$ or US-4313431-\$ or US-4427014-\$ or US-5897565-\$ or US-5941890-\$ or US-2549731-\$ or US-6655386-\$ or US-6379319-\$ or US-5273026-\$ or US-5222973-\$ or US-6190399-\$ or US-6272370-\$).did. or (US-1747407-\$).did. or (DE-4109205-\$ or WO-9930764-\$). did. or (US-6251418-\$).did.	USPAT; USOCR; EPO; DERWENT	OR	ON	2006/05/18 15:32
S34	16	S33 and marker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 15:38
S35	2	("6217527").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 15:58
S36	44896	biotech	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:44

## EAST Search History

S37	779	(inner with outer with tube with closure with (opening exit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 17:07
S38	15	S37 and probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:48
S39	764	S37 not S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:48
S40	36	(inner with outer with tube with closure with deflect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 17:06
S41	74920	actuator with arm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 17:06
S42	23465	actuator near arm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 17:06
S43	961	S42 and probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 17:07
S44	30	S43 and (inner with outer with tube)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 17:10

## EAST Search History

S45	1979	(600/585,434-435).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 17:10
S46	1311	S45 and @ad<"20000211"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 17:11
S47	46	("2685289"   "3189031"   "3566874"   "3861396"   "4182342").PN. OR ("4516970").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/18 17:44
S48	10	("2586940"   "4148319"   "4248234"   "4249541"   "4502482").PN. OR ("4713058").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/18 17:56
S49	77	("3566874"   "3695921"   "3861396"   "3862452"   "3975350"   "3987497"   "4026296"   "4100309"   "4119094"   "4183884"   "4255550"   "4527293"   "4545390"   "4579127"   "4668221"   "4743629"   "4798593"   "4811743"   "4815478"   "4826485"   "4834709"   "4867173"   "4884579"   "4895168"   "4925445"   "4943618"   "5015238").PN. OR ("5217026").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/18 18:13
S50	27	("4966163").PN. OR ("5372144"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/18 18:31
S51	17	("4136703"   "4170990"   "4913147"   "5170787"   "5190546"   "5383923"   "5447512"   "5582609").PN. OR ("5722425"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 10:41
S52	183	(604/164.13).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/19 10:42
S53	27	("4643194"   "4676249"   "4779628"   "4873983"   "4895168"   "5040543"   "5067957"   "5143085"   "5211636"   "5389073"   "5419340"   "5489270").PN. OR ("5993424").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 10:43

## EAST Search History

S54	9	("3782381"   "4958901"   "5215105"   "5215527"   "5215528"   "5267971"   "5304141"   "5693030"   "5897533").PN. OR ("6485475").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 10:47
S55	12	("4103690"   "5376109"   "5381790"   "5387233"   "5423884"   "5722425"   "5752915"   "5871530"   "6017323"   "6192280"   "6210408").PN. OR ("6512957").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 11:04
S56	346	(600/101).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/19 11:04
S57	43	("4112932"   "4254762"   "4269192"   "4273127"   "4498902"   "4535773"   "4566438"   "4740047"   "4832979"   "4895431"   "4901142"   "5057082"   "5066288"   "5098388"   "5151096"   "5196005"   "5215526"   "5234450"   "5246436"   "5250068"   "5271380"   "5334150"   "5385572"   "5569292").PN. OR ("5797944").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 13:03
S58	3822	(600/101,104-109,114,117-118,122-123,129-131,143-152).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/19 13:04
S59	2243	S58 and @ad<"20000211"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 13:16
S60	957	S59 and (closure exit hole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 13:18
S61	44	("4043346"   "4886061"   "4997435"   "5100423"   "5152748"   "5324284").PN. OR ("5885258").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 14:31

## EAST Search History

S62	11	("5448990"   "5662588"   "5667475"   "5716321").PN. OR ("5897487").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 15:32
S63	1076	tube with (flap near valve)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 15:33
S64	15	S63 and (endoscope)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 15:33
S65	30	("3721229"   "4023559"   "4650459"   "4681110"   "4850969"   "4899729"   "5085636"   "5114407"   "5122122"   "5197955"   "5242412"   "5300047"   "5318532"   "5320611"   "5334164"   "5336203"   "5350362"   "5350364"   "5350393"   "5354280"   "5360403"   "5360417"   "5366478").PN. OR ("5752970").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 15:34
S66	7	("5156609"   "5752970"   "6183444"   "6183485"   "6197324"   "6436068"   "6497651").PN. OR ("6939318").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 15:35
S67	110	("4535773"   "4601710"   "4650030"   "4902280"   "5030206").PN. OR ("5114407").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 15:39

## EAST Search History

S68	82	("1527291"   "2496111"   "2623521"   "2630803"   "4254762"   "4345589"   "4442836"   "4488545"   "4503856"   "4535773"   "4559041"   "4601710"   "4627841"   "4654030"   "4670008"   "4677979"   "4747831"   "4802275"   "4817603"   "4869717"   "4889117"   "4900307"   "4902280"   "4906236"   "4931042"   "4943280"   "4946446"   "4955870"   "4966593"   "4973316"   "4994042"   "4994068"   "5024665"   "5026388"   "5030206"   "5053016"   "5061251"   "5066288"   "5104382"   "5104383"   "5114407"   "5116353"   "5127909"   "5129885"   "5152754"   "5158552"   "5207647"   "5217451"   "5226426"   "5226891"   "5290243"   "5290304"   "5295993"   "5312354"   "5318580"   "5318585"   "5320610"   "5324268"   "5330432"   "5330497"   "5336176"   "5338305"   "5342382"   "5346459"   "5350393"   "5360405"   "5372588"   "5376082"   "5399167"   "5423796"   "5437643"   "5527335"   "Re32922").PN. OR ("5779680"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 15:41
S69	41	("3015332"   "3170489"   "3194275"   "3429312"   "3581744"   "3696812"   "3760808"   "4508531"   "4536178").PN. OR ("4650459"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 15:54

## EAST Search History

S70	77	("1986484"   "3565078"   "3585996"   "3620500"   "3721229"   "3994287"   "4023559"   "4177814"   "4180068"   "4240411"   "4243034"   "4475548"   "4535773"   "4650459"   "4654030"   "4681110"   "4842591"   "4850969"   "4874378"   "4899729"   "4917668"   "4929235"   "4978341"   "4994027"   "5073168"   "5085636"   "5104389"   "5108380"   "5114407"   "5122122"   "5127626"   "5141498"   "5156596"   "5158553"   "5161773"   "5167636"   "5176659"   "5180373"   "5188607"   "5195980"   "5197955"   "5201714"   "5207656"   "5242412"   "5269763"   "5282790"   "5300035"   "5300047"   "5308336"   "5318532"   "5320611"   "5324270"   "5334164"   "5336203"   "5350362"   "5350364"   "5350393"   "5354280"   "5360403"   "5360417"   "5366478"   "5385553"   "5389080"   "5391153"   "5429609"   "5437626"   "5441486"   "5460616"   "5476475"   "5492304"   "5496280").PN. OR ("5797888"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 15:56
S71	83	("0217711"   "1595180"   "3037496"   "3513830"   "3776219").PN. OR ("4023559").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 16:05
S72	19	("4023559"   "4157709"   "4175008"   "4862899"   "4953560"   "5121752"   "5129402"   "5339828"   "5425915"   "5445164"   "5456265"   "5713369"   "5787891"   "5795309"   "6013036"   "6036658"   "6059735"   "6155990").PN. OR ("6387058"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 16:19
S73	80	("3517128"   "3980078"   "4023559"   "4043323"   "4281646"   "4607619"   "4773394"   "5178133"   "5197971"   "5203773").PN. OR ("5354302").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 16:35
S74	2	("5452726").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 10:53

## EAST Search History

S75	2	"20010028441"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:53
S76	77	(US-4774949-\$ or US-6231546-\$ or US-6235000-\$ or US-5109830-\$ or US-5984939-\$ or US-5941890-\$ or US-5273026-\$ or US-6190399-\$ or US-6689121-\$ or US-6605036-\$ or US-5222973-\$ or US-4669467-\$ or US-6272370-\$ or US-5897565-\$ or US-5281214-\$ or US-4313431-\$ or US-5972020-\$ or US-3958576-\$ or US-6655386-\$ or US-5607435-\$ or US-5695457-\$ or US-5938671-\$ or US-6514217-\$ or US-5562102-\$ or US-6719725-\$ or US-6251418-\$). did. or (US-5707389-\$ or US-5800389-\$ or US-6217527-\$ or US-6632184-\$ or US-4769005-\$ or US-5345937-\$ or US-2549731-\$ or US-5464395-\$ or US-5486161-\$ or US-4578061-\$ or US-6120457-\$ or US-4785815-\$ or US-4427014-\$ or US-6379319-\$ or US-6511458-\$ or US-5722425-\$ or US-5458585-\$ or US-5231989-\$ or US-5217026-\$ or US-4713058-\$ or US-6512957-\$ or US-6485475-\$ or US-5993424-\$ or US-5562696-\$ or US-5897487-\$ or US-5885258-\$ or US-5174276-\$). did. or (US-4175545-\$ or US-3896793-\$ or US-5752970-\$ or US-5114407-\$ or US-4650459-\$ or US-4023559-\$ or US-5797888-\$ or US-5779680-\$ or US-6024716-\$ or US-5823988-\$ or US-5404870-\$ or US-5533977-\$ or US-5800377-\$ or US-6945989-\$ or US-5354302-\$ or US-5129402-\$ or US-5496280-\$ or US-6387058-\$ or US-4157709-\$). did. or (US-1747407-\$).did. or (DE-4109205-\$ or WO-9930764-\$ or WO-8707163-\$).did. or (US-6251418-\$).did.	USPAT; USOCR; EPO; DERWENT	OR	ON	2006/05/29 13:05
S77	6	S76 and (cover\$3 with sheath)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 13:45



## EAST Search History

S78	73	("3204635"   "3485234"   "3585707"   "3760808"   "4023559"   "4424054"   "4516972"   "4681110"   "4817613"   "4842590"   "4848343"   "5019090"   "5037329"   "5041126"   "5057092"   "5089006"   "5104339"   "5147385"   "5158548"   "5192297"   "5201901"   "5242399"   "5246421"   "5254107"   "5279596"   "5290295"   "5290310"   "5312415"   "5360401"   "5391172"   "5395308"   "5433723"   "5443457"   "5453090"   "5458605"   "5460608"   "5484425"   "5554139"   "5593412"   "5601568"   "5630801"   "5662703"   "5669936"   "5674208"   "5683451"   "5693086"   "5695499"   "5697948"   "5700269"   "5702418"   "5704926"   "5707376"   "5759186"   "5772669"   "5782855"   "5788707"   "5800517"   "5814062"   "5824041"   "5868755"   "5891090"   "5906619"   "5935135"   "6019778"   "6024763"   "6063111"   "6146415"   "6193686"   "6241758"   "RE35988").PN. OR ("6945989").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 13:36
S81	29904	(cover\$3 with sheath)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 13:45
S82	1627	S81 and endoscope	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 13:45
S83	593	S82 and (cover\$3 near sheath)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 14:10
S84	298	S83 and @ad<"20000211"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 14:32

## EAST Search History

S85	46	S84 and (dispos\$4 near sheath)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 14:32
S86	40	("4177814"   "4517702"   "4543751"   "4646722"   "4656999"   "4682585"   "4683874"   "4760838"   "4841952"   "4919113"   "4943280"   "5053016"   "5127909"   "5183464"   "5207213"   "5274874"   "5304143").PN. OR ("5392766").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 14:51
S87	9	("20020022762"   "3145249"   "5382297"   "5392766"   "5514084"   "5518502"   "5654824").PN. OR ("6755782").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 14:54
S88	9	("20020022762"   "3145249"   "5382297"   "5392766"   "5514084"   "5518502"   "5654824").PN. OR ("6755782").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 15:17
S89	1	stylet with marker with saline	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 15:18
S90	155	stylet with (saline marker)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 15:18
S91	55	("4572198"   "4827931"   "4917100"   "4984573"   "4989608"   "5081997"   "5154179"   "5155435"   "5209750"   "5211166"   "5218964"   "5262727"   "5269305"   "5271400"   "5290266"   "5318025"   "5353795"   "5357958"   "5409003"   "5534778").PN. OR ("5782764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 15:28